

भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 1]

सहि विलो, शनिवार, जनवरी 4, 1975 (पौष 14, 1896)

No. 1]

NEW DELHI, SATURDAY, JANUARY 4, 1975 (PAUSA 14, 1896)

इस भाग में विभिन्न पृष्ठ संलग्न दी जाती हैं जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 4th January 1975

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

28th November 1974

2646/Cal/74. S. S. Mishra. Well water lifting (siphon pump).

2647/Cal/74. Goodyear Aerospace Corporation. Cargo container latch and door.

2648/Cal/74. Siemens Aktiengesellschaft. Improvements in or relating to multi-change diode switching circuits. (September 2, 1974).

2649/Cal/74. Siemens Aktiengesellschaft. Improvements in or relating to data transmission systems. (September 5, 1972).

2650/Cal/74. Hooker Chemicals & Plastics Corp. Bulk polymerization of vinyl halide polymers and copolymers incorporating stabilizers therefor.

2651/Cal/74. Dynamit Nobel Aktiengesellschaft. Process for the exchange of material between heterogeneous systems in an exchange column.

30th November 1974

2652/Cal/74. Rhone-Poulenc S. A. Process for vulcanizing a rubber composition containing, bis-sulphenamide which inhibit prevulcanisation. [Divisional] date July 4, 1972.

2653/Cal/74. Elektroschmelzwerk Kempten G.M.B.H. Improvements in and relating to electrical resistance furnaces.

2654/Cal/74. Elektroschmelzwerk Kempten G.M.B.H. Improvements in and relating to electrical resistance furnaces.

2655/Cal/74. Elektroschmelzwerk Kempten G.M.B.H. Improvements in and relating to electrical resistance furnaces.

2656/Cal/74. Jatinendra Nath Biswas. A mechanically operated fan.

2nd December 1974

2657/Cal/74. Monsanto Company. Asymmetric catalysis.

2658/Cal/74. Dr. R. A. Darbari and Dr. R. Shukla. Improvements in or relating to urinary catheters.

2659/Cal/74. Sven Runo Vilhelm Gebelius. A pipe connection means for the connection of crosswisely extending pipes to a longitudinally extending transport pipe.

2660/Cal/74. Sven Runo Vilhelm Gebelius. Pump device for flow rate control of liquid in a piping system.

2661/Cal/74. The British Petroleum Company Limited. Protection method. (December 12, 1973) U.K.

2662/Cal/74. Burroughs Corporation. A data driven digital data processor.

2663/Cal/74. Intercole Automation, Inc. Continuous mixture apparatus.

2664/Cal/74. Intercole Automation, Inc. Apparatus for compounding and conveying injection molding materials.

2665/Cal/74. Agrotechnika, n.p. podnikové radařstvo, Zvolen. Reactor for biological water treatment.

3rd December 1974

2666/Cal/74 Vsesojuzny Gosudarstvenny Institut Nauchno-Issledovatel'skikh I Proektnykh Rabot Ogneupornoi Promyshlennosti. Method of folding products from moist materials and apparatus realizing same.

2667/Cal/74 Aktiebolaget ASEA-ATOM. Transport device for reactor fuel rod cladding tubes.

2668/Cal/74 Aktiebolaget Asea-Atom. Centering device for bodies having circular cross-section.

2669/Cal/74 USS Engineers and Consultants, Inc Improved addition agent for acid unplating.

2670/Cal/74 Hoechst Aktiengesellschaft. New hydroxypyridine carbamates and their use as insecticides.

2671/Cal/74 Diamond Shamrock Corporation. Pesticidal organosulfur derivatives of tetrachlorodicyanobenzenes.

2672/Cal/74 Diamond Shamrock Corporation. Organosulfur derivatives of tetrachlorobenzonitrile.

2673/Cal/74 British Steel Corporation. Improvements in or relating to flanged ductile iron pipes and the production thereof (December 3, 1973) U.K.

2674/Cal/74 Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and apparatus for feeding fibres to the inner wall of a spinning rotor of an open-end spinning apparatus.

2675/Cal/74 Greaves Foseco Limited. Repair of Eroded Bottom plates with refractory ramming masses.

4th December 1974

2676/Cal/74 International Business Machines Corporation. Reading machine for punched document cards.

2677/Cal/74 International Business Machines Corporation. Punching, reading and printing machine for document cards.

2678/Cal/74 International Business Machines Corporation. Hopper mechanism.

2679/Cal/74 Imperial Chemical Industries Limited. Alkanolamine derivatives (December 12, 1973). [Addition to No 2664/Cal/73].

2680/Cal/74 Hoechst Aktiengesellschaft. Process and auxiliary for improving the wettability of textile material.

2681/Cal/74 Nuchem Plastics Ltd. A process for the preparation of phenyl hydrazine.

2682/Cal/74 Wavin B V. Extruder for corrugated tube. (September 10, 1974) U.K.

2683/Cal/74 Manindra Chandra Mukherji. Oven.

2684/Cal/74 Diamond Shamrock Corporation. Textile after-treatment compositions.

2685/Cal/74 F Hoffmann-La Roche & Co Aktiengesellschaft. Quinoline derivatives.

2686/Cal/74 Hoechst Aktiengesellschaft. Process for preparing copolymers of trioxane. [Addition to No 2756/Cal/73].

2687/Cal/74 Laplex Sociedad Anonima. Process for synthesizing new 1,4-benzodiazepine derivatives.

2688/Cal/74 American Bioculture, Inc. Production of algal bio-polymers.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

20th November 1974

173/Mas 74 M Govind. High pressure three throw hydraulic plunger pump with independent heads connected to a common header.

21st November 1974

174/Mas/74 K S Gururaja Doss. Improvements in or relating to electrodes for electrolysis.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

19th November 1974

401/Bom/74 Larsen & Toubro Limited. An improved star-delta starter for a 3-phase induction motor.

20th November 1974

402/Bom 74 Dr. S. K. Sanghani. A device of automatically cooking the housewife's common bread.

403/Bom/74 Dr S K Sanghani. A device of a automatic record changer of gramophones.

404/Bom 74. Dr S. K. Sanghani. A device for a cycle carrier for transport either for passenger or goods.

ALTERATION OF DATE

108028 The claim to convention date 10th December 1965 has been abandoned and the application dated as on 18th November 1966, the date of filing in India.

136485 Ante-dated to 24th November 1971. (2406/Cal/73).

136502. Ante-dated to 17th January 1966. (947/Cal/74).

136503 Ante-dated to 17th January 1966 (948/Cal/74).

136510 Ante-dated to 6th October 1971. (1387/Cal/74).

136514 Ante-dated to 19th July 1972. (266/Bom/74).

136515 Ante-dated to 19th July 1972. (267/Bom 74).

136532 Ante-dated to 6th April 1965. (1124/Cal/73).

136533 Ante-dated to 7th September 1971. (2064/Cal/73).

136534 Ante-dated to 7th September 1971 (2065/Cal/73).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F₁+Fb.

104044.

PROCESS OF PRODUCTION OF 10-(2'-DIMETHYLAMINO-2' METHYL-ETHYL-1') 9,9. DIOXOPHENOTHIAZINE

VEB ARZNEIMITTLWERKE DRESDEN, 81 22 RAD EB EUL, WILHELM PIFCK STRASSE 35, POSTFACH 89/90, EAST GERMANY.

Application No. 104044 filed February 24, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

Process of production of 10-(2' dimethylamino-2'-methyl-ethyl-1') 9,9. dioxophenothiazine and its salts characterized in that mixture of 10-(2 dimethylamino-2'-methyl-ethyl-1') 9,9. dioxophenothiazine and 10-(2 dimethylamino-1'-methyl-ethyl-1') 9,9. dioxophenothiazine are converted into their salts by treating with organic acids and salts, thus obtained are separated by fractional crystallization in organic or organic-aqueous solvents and thereafter the said obtained compounds are converted into the free base in a way known per se and if desired the obtained base is converted into its salts by treating with physiologically compatible organic or inorganic acids.

CLASS 32F₂b.

108028.

PROCESS FOR THE MANUFACTURE OF IMIDAZO (2, 1-b) THIAZOLE DERIVATIVES

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S W 1, ENGLAND.

Application No 108028 filed November 18, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the manufacture of di-2, 3, 5, 6-tetrahydro-6-phenylimidazo [2, 1-b] thiazole and pharmaceutically-acceptable acid-addition salts thereof, which comprises ring-closing an acid-addition salt of 2-amino-3-(2-hydroxy-2-phenyl ethyl)-thiazolidine with benzenesulphonic acid, naphthalene-sulphonic acid or *p*-toluene-sulphonic acid, the ring-closure being effected by means of sulphuric acid or polyphosphoric acid, and then, if desired, converting the product into the free base or a pharmaceutically-acceptable acid-addition salt thereof.

CLASS 70C₁ & 188.

134121.

IMPROVEMENTS IN OR RELATING TO METHODS OF PLATING ON ALUMINIUM

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No 134121 filed December 30, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims No drawings.

A method of plating on aluminium and its alloys by electro-deposition of Bronze strike' which consists in using a bath comprising potassium stannate, potassium cyanide, potassium hydroxide with a chelating agent such as sorbitol, mannitol, sodium gluconate or glycolic acid employing a current density of 15 A/dm² to 10 A/dm² at 40—50°C.

CLASS 48A₂

134449.

TELEPHONE CABLE WITH IMPROVED CROSS-TALK PROPERTIES

SUPERIOR CONTINENTAL CORPORATION, AT 1928 MAIN AVENUE, S. W. HICKORY, NORTH CAROLINA. UNITED STATES OF AMERICA

Application No. 134449 filed February 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

27 Claims

A cable comprising a tubular covering being formed with an inner peripheral surface that delimits a core-receiving cavity, a tubular metallic shield forming a part of said covering, a core made up of a plurality of electrically insulated conductors received in said core-receiving cavity and nested within said tubular metallic shield, and integral metallic cross-talk shield disposed within said core-receiving cavity and extending longitudinally in said core, said crosstalk shield extending between circumferentially spaced-apart regions located on said inner peripheral surface of said tubular covering to separate said conductors into a plurality of longitudinally extending groups, each group being delimited by said crosstalk shield and a portion of said inner peripheral surface, the transverse cross section of said crosstalk shield having first and second terminal portions and an intermediate portion extending between and integrally joined to said terminal portions, said first and second terminal portions circumferentially extending around portions of the outer periphery of said core and having respective spaced-apart free ends that lie on opposite sides of that plane in which said intermediate portion lies, and said terminal portions being in close proximity portion lies, and said terminal portions being in close proximity with said inner peripheral surface and said metallic tubular shield.

CLASS 62D.

136484.

PROCESS FOR CROSS-LINKING CELLULOSIC-FIBER CONTAINING MATERIALS AND THE PRODUCTS THEREOF

VAPORTECH CORPORATION, OF 1188 LEGHORN, MOUNTAIN VIEW, CALIFORNIA 94040, U.S.A

Application No. 979/72 filed July 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawings.

A process for cross-linking cellulosic textile articles containing cellulosic fibres in all or part of its composition, comprising —

(1) depositing a solid polymer subject to thermal dissociation yielding a gaseous organic cellulosic fiber cross-linking agent on the article, and

(2) heating the article having the solid polymer deposited thereon to a temperature sufficient to depolymerize the deposited polymer in situ yielding a gaseous organic cellulosic fiber cross-linking agent which reacts with and cross-links adjoining cellulose molecules making up the article.

CLASS 32F₁+Fb

136485

PROCESS FOR THE MANUFACTURE OF BENZODIAZEPINE DERIVATIVE

F. HOFFMANN -LA ROCHE & CO AKTIENGESELLSCHAFT, OF 124—184 GRFNZACHERSTRASSE, BASEL SWITZERLAND

Application No 2406/Cal/73 filed October 31, 1973.

Division of application No 133729 filed November 24, 1971

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

2 Claims

A process for the manufacture of 7-chloro-1-(2-diethylamino-ethyl-5-(2-fluorophenyl-1, 3-dihydro-2H-1, 4-benzodiazepin-2-one monohydrochloride, which process comprises reacting 7-chloro-1-(2-diethylaminoethyl)-5-(2-fluorophenyl)-1, 3-dihydro-2H-1, 4-benzodiazepin-2-one dihydrochloride with the equimolar amount of base or with water and isolating the 7-chloro-1-(2-diethylaminoethyl)-5-(2-fluorophenyl)-1, 3-dihydro-2H-1, 4-benzodiazepin-2-one monohydrochloride formed

CLASS 172D.	136486.	(c) hydrating said hydroxy alkyl cellulose with two to three volumes of water for each part by weight of cellulose compound,
APPARATUS AND METHOD FOR INTERRUPTING FEED OF SUPPLY STRAND TO DRAFTING SYSTEM.		(d) granulating said hydrated cellulose compound through a No. 16 standard mesh screen
PARKS-CRAMER COMPANY, POST OFFICE BOX 444, FITCHBURG, MASSACHUSETTS, U.S.A.		(e) blending the granulation of step (b) with the granulation of step (d) and,
Application No. 1831/72 filed November 6, 1972.		(f) drying as hereinbefore described, the blend to obtain the formed slow release pharmaceutical composition.
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
17 Claims		
A method of forming yarn in a yarn forming machine, the step of interrupting supply strands normally passing into a plurality of drafting systems arranged in a series along a yarn forming machine upon breakage of corresponding attenuated strands delivered by the drafting systems, the method comprising the steps of monitoring breakage of the attenuated strands issuing from the drafting systems, responding to the detection of breakage of monitored attenuated strand by redirecting a portion of an air flow originating at a fan mounted on a travelling unit traversing the yarn-forming machine and thereby remotely and selectively actuating a corresponding one of a plurality of strand interrupting means to engage and restrain a corresponding supply strand adjacent the corresponding drafting system at which breakage of an attenuated strand has been detected.		
CLASS 9D & 48A.	136487.	
A NEW ALUMINIUM ALLOY FOR ELECTRICAL CONDUCTOR HAVING HIGH DUCTILITY.		
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.		
Application No. 379/72 filed May 31, 1972.		
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
5. Claims. No drawings.		
A process for the production of a new aluminium alloy for electrical conductor having high ductility which consists in melting electrical grade aluminum, addition of alloying ingredients to molten aluminum, casting the wire rods, mechanical treatment, cold drawing the wire rods to the required gauge and subjecting it to thermal treatment characterised in that alloying elements are added and the iron-silicon ratio is maintained preferably between 4:1 to 10:1 whereby the mechanical treatment and thermal treatment of the aluminium alloy wire imparts good tensile strength and ductility without affecting electrical conductivity of the aluminium alloy wire.		
CLASS 55E.	136488.	
A METHOD FOR THE PREPARATION OF A SLOW RELEASE PHARMACEUTICAL COMPOSITION.		
MUNDIPHARMA AG, AT BAHNHOFSTRASSE 26, CH 4310 RHEINFELDEN, SWITZERLAND.		
Application No. 197/72 filed May 15, 1972		
Convention date June 3, 1971 (18839/71) U.K.		
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
4 Claims. No drawings.		
A method for the preparation of a slow release pharmaceutical composition consisting of a higher aliphatic alcohol selected from the group consisting of aliphatic alcohols with the formula ROH, wherein R is an alkyl group having from 8 to 18 carbon atoms in chain length, ceto-stearyl alcohol and mixtures of these, and a hydroxy alkyl cellulose compound selected from the group consisting of hydroxy methyl cellulose, hydroxy ethyl cellulose, hydroxy propyl cellulose and mixtures of these, the proportion of said aliphatic alcohol to said cellulose compound being within the range of from 2:1 to 4:1 parts by weight, comprising the steps of :		
(a) melting said higher aliphatic alcohol,		
(b) granulating said aliphatic alcohol through a No. 16 standard mesh screen,		
CLASS 65B.	136489.	
INTERLEAVED REGULATING WINDING OF SERIES TURN RATIO VARIABLE IN PROPORTION OF 1 TO 2 FOR TRANSFORMERS.		
GANZ VILLAMOSSAGI MUVEK, OF 39, LOVOHAZ UTCA, BUDAPEST II, HUNGARY.		
Application No. 242/72 filed May 18, 1972.		
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
4 Claims.		
An interleaved regulating winding for transformers, of series number of turns variable in the proportion of 1 to 2, characterized in that the regulating winding is split into two parts of identical number of sections, every starting and finishing end of the parallel paths of the two half coils being brought out to provide beyond the remainder after winding and being connected in series.		
Class 140A.	136490.	
METHOD OF PREPARATION OF MATERIAL FOR LUBRICATION OF EXTERNAL SURFACE OF DRILLING STRING.		
TSENTRALNY NAUCHNO-ISSLEDOVAT 1 PROEKTNY INSTITUT LESOKHIMICHESKOI PROMYSHLENNOSTI OF GORKY, MOSKOVSKOE SHOSSE, 85, USSR.		
Application No. 795/72 filed July 6, 1972.		
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
4 Claims. No drawings.		
A method of preparing a material for lubricating the external surface of a drilling string comprising the following operations : preparation of a mixture containing gear-box lubricating oil, paraffin bitumen, and 15-35% by weight of tall oil pitch, in which the content of soda or alkali is not higher than 0.1-0.2% by weight; heating the said mixture from room temperature during 15-20 minutes; heating the mixture to 260-500°C holding the mixture at this temperature during an hour and cooling of finished product.		
CLASS 63E.	136491.	
SEALING MEANS FOR LIQUID COOLED ROTORS.		
WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.		
Application No. 1051/72 filed August 2, 1972.		
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.		
4 Claims.		
A shaft seal for preventing escape of liquid along a rotating shaft, said seal comprising a stationary pressure chamber through which the shaft passes, said chamber containing liquid under pressure, a stationary seal chamber enclosing the shaft for introducing into the seal chamber a sealing liquid having pressure not exceeding the pressure of the liquid in said pressure chamber, an annular collection chamber surrounding the shaft adjacent the seal chamber and maintained at a pressure below the pressure of the sealing liquid for receiving any sealing liquid leaking from the seal chamber, and means for draining the sealing liquid therefrom, characterized in that an air chamber surrounds the shaft adjacent the collection chamber and contains air at a pressure greater than that maintained in the collection chamber to prevent any liquid escaping from the collection chamber.		

CLASS 172E & 186E.

136492.

A HORIZONTAL DEFLECTION COIL WINDING MACHINE FOR WINDING DEFLECTION COILS FOR TELEVISION RECEIVERS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 1078/72 filed August 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

10 Claims.

A horizontal deflection coil winding machine for winding deflection coils suitable for television receiver, comprising a machine frame on which is mounted a spindle for mounting a mandrel on the spindle, a resilient holder fixed to the machine frame for holding spools of wire, feeding arms provided with mouths to feed the said wire to the mandrel, means for mounting the said spindle clock-wise or anti-clock-wise with predetermined speed, means for moving and regulating the to and fro motion of the feeder synchronized with the clock-wise and anti-clock-wise motion of the spindle, means for counting the number of turns wound on the mandrel, whereby when one end of the wire is fixed to the mandrel and passed through a mouth of the feeding arm and the spindle is rotated alternatively clock-wise and anti-clock-wise through 360°, the to and fro motion of the feeding arm winds the wire into a coil on the mandrel.

CLASS 172E & 186E.

136493.

A VERTICAL DEFLECTION COIL WINDING MACHINE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 1079/72 filed August 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A vertical deflection coil winding machine which comprises a machine frame on which are mounted a holder for holding the ferrite core, a rotating arm connected to a spindle and provided with pulleys and mouth for feeding wire to the ferrite core, revolving pulley to revolve a further arm around the said ferrite core, reducing pulley system for reducing and controlling the speed of revolving pulleys to synchronise the rotation of the core around its axis and the revolution of the further arm around the core and means for feeding the wire to the spindle, whereby the vertical deflection coils are wound on the ferrite cores, when the rotating arm revolves round the ferrite core which is fixed in the holder.

CLASS 67C & 147E.

136494.

PROCESSOR FOR ELECTRIC SIGNALS.

CAMBRIDGE RESEARCH AND DEVELOPMENT GROUP, A LIMITED PARTNERSHIP OF THE STATE OF CONNECTICUT, UNITED STATES OF AMERICA.

Application No. 1087/72 filed August 7, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

23 Claims.

In a processor for electric signals such as those representing the coded audible sounds of speech or the like, said electric signals being analog representations of said audible sounds with the frequency components of said electric signals related by a given factor to the frequency components of said audible sounds, the improvement comprising: controllable delay means having an input and an output, said

input coupled to a source of said electric signals for passing signals from said source into said delay means, and said delay means passing signals therein to said output with controllable time delay;

means for controlling said delay means with repetitive variation of said controllable time delay between

predetermined delay values thereby progressively delaying signals as they appear at said output to obtain a predetermined frequency transformation of said electric signals; and

means coupled to said output of said delay means and responsive substantially only to signals at said output having said predetermined frequency transformation for producing a composite output signal representation of said electrical signals having frequency components altered by substantially said factor to approximate the frequency components of said audible sounds.

CLASS 32 & 152E.

136495.

METHOD OF PREPARING ZINC-MODIFIED PHENOLIC RESINS.

THE NATIONAL CASH REGISTER COMPANY, OF DAYTON IN THE STATE OF OHIO, UNITED STATES OF AMERICA, AND BALTIMORE IN THE STATE OF MARYLAND, UNITED STATES OF AMERICA.

Application No. 1123/72 filed August 9, 1972.

Convention date July 19, 1972 (33696/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A method of manufacturing a zinc modified phenol-aldehyde resin for use as a colour developing material in pressure-sensitive record sheet material, including the steps of mixing and heating together, to make a melt, zinc dibenzoate, an alkaline material and a phenol-aldehyde resin.

CLASS 32F.

136496.

A METHOD FOR PREPARING HEMIACETALS OF BROMAL AND HYDROXIL COMPOUNDS.

KAZANSKY VETERINARNY INSTITUT IMENI N. E. BAUMANA, OF KAZAN, VETGORODOK, USSR.

Application No. 1200/72 filed August 18, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A method for preparing hemiacetals of bromal and hydroxyl compounds having the general formula $(Br_2CCH—O)_n—R$, where R is alkyl substituted by aryl, nitrogroup OH, CN, OH, or vinyl group; cycloalkyl; a radical of a diatomic alcohol; and n is 1 or 2 wherein substituted alcohols or substituted glycols having the general formula $R(OH)_n$, where R is alkyl substituted by aryl, nitrogroup, CN, OH or vinyl group; cycloalkyl; a radical of a diatomic alcohol; and n is 1 or 2, are reacted with bromal at a temperature not over 70°C with subsequent isolation of the main product.

CLASS 205B+K.

136497.

METHOD AND APPARATUS FOR RETREADING TYRES.

MCNEIL CORPORATION, OF 96 EAST SROSIER STREET, AKRON, SUMMIT COUNTY, OHIO 44311, UNITED STATES OF AMERICA.

Application No. 1278/72 filed August 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method of manipulating and curing a tyre having a renewed tread portion to be cured in a press having mating mould sections movably mounted on separable bolsters, the internal dia. in the tread are of the mould sections being substantially the same as the nominal external diameter of the tread portion of the tyre, said method including the steps of, engaging the beads of the tyre with bead rings extended from a position in proximity to the mould sections and bolsters thereby centering the tyre between the mould sections which are spaced from each other and retracted against the bolsters, inflating the tyre to partially retract the bead rings, thereby displacing the beads of the tyre outwardly to reduce the actual external diameter of the tread portion of the tyre below the nominal value thereof, closing the mould sections to cause the tyre to be encapsulated thereby while maintaining the beads of the tyre displaced outwardly, and subsequently returning the beads of the tyre to their original position preparatory to curing by moving the bolsters carrying the retracted bead rings into contact with the mould sections.

CLASS 63A,+B.

136498.

ELECTRICAL GENERATOR.

DR. PAVEL IMRIS, OF 3213 EIDAGSEN, KONISGBERGERSTR, 4. WEST GERMANY.

Application No. 1395/72 filed September 7, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An electrical generator consisting of an induction coil, a driven rotor associated with the coil, with a curvilinear spirally or helically-shaped band made of ferromagnetic material provided on the surface of the rotor, and a magnet which produces a magnetic field, wherein the terminal sections of the ferromagnetic band which envelops a section of the induction coil are fixed opposite to the two poles (S. N) of the magnet in which the ferromagnetic band is so proportioned and affixed that the maximum effective band length of the continuous action of the magnetic flux on the induction coil, measured in degrees of angle, is at least twice 360°.

CLASS 186E.

136499.

APPARATUS FOR GENERATING DOTS UPON THE SCREEN OF A TELEVISION RECEIVER FOR MANIPULATION BY PARTICIPANTS.

SANDERS ASSOCIATES, INC. OF DANIEL WEBSTER HIGHWAY, SOUTH, NASHUA, NEW HAMPSHIRE 03060, UNITED STATES OF AMERICA.

Application No. 1531/72 filed September 28, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

44 Claims.

Apparatus for generating "dots" upon the screen of a television receiver to be manipulated by a participant, comprising a control unit for generating signals representing the "dots" to be displayed, said control unit including means for synchronizing a television raster scan and means for manipulating the position of the "dots" on the screen; and means for coupling the generated signals only to a signal television receiver whereby said "dots" are displayed only upon the screen of the single receiver being viewed by the participant.

CLASS 32F,b.

136500

PROCESS FOR PREPARING RIFAMYCIN SV DERIVATIVES

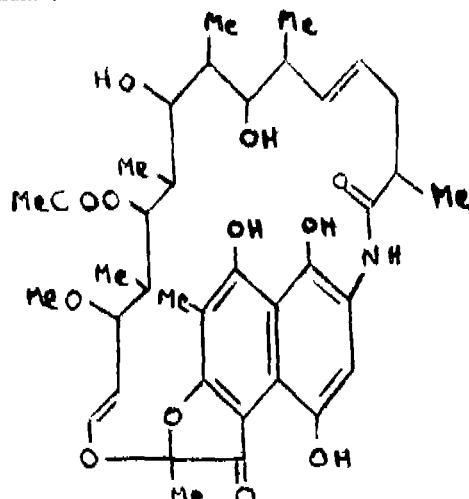
GRUPPO LEPETIT S.P.A., OF 8, VIA ROBERTO LEPESTIT, MILAN, ITALY.

Application No. 372 Cal/73 filed February 19, 1973

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing a rifamycin derivative of the general formula 1.

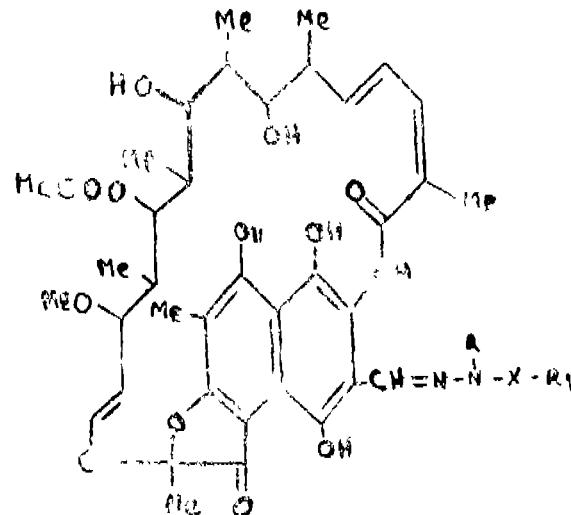


X is a -CO-, -CS-, -C(:NH)- or -SO₂ group

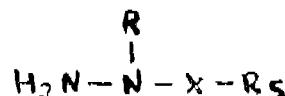
R is hydrogen

R₁ is a radical selected from the group consisting of

- (a) alkyl, alkoxy, aryl, aralkyl, cycloalkyl,
- (b) a group -NR₂R₃ wherin R₂ and R₃ are independently selected from hydrogen, C₁-C₆ lower alkyl, C₇-C₁₀ lower alkyl, C₁-C₆ lower alkenyl, nitro, anilino, phenyl and phenyl substituted with halogen and methyl groups,
- (c) a group -CO-NH-N=CH-A, or -(R₁)-CO-NH-N=CH-A, wherin R₁ is a divalent aliphatic, cycloaliphatic, aromatic or heterocyclic radical and A represents the rifamycin SV radical shown in Fig. 1.



R and R₁ taken together with the adjacent -N-X-group may represent a 5 to 7 membered heterocyclic ring fused with a benzene nucleus, with the proviso that when X is -CO-R₁ R₁ may not be radical NR₂R₃ where R₂ and R₃ are both hydrogen; when X is a group -CNH-, R₁ may not be a NR₂R₃ radical where R₂, R₃ are both hydrogen; when X is -SO₂- R₁ may not be p-tolyl, which comprises reacting 3-formylrifamycin SV with a derivative of formula II.



wherein R and X have the same meaning as before and R₁ may have the same meaning as R₁ under (a), (b), (c) and it may further represent a group -CO-NH-NH₂ or -(R₁)-CO-

NH-NH₂ wherein R₄ has the same meaning as before; R and R₄ taken together may also represent a carboxylic chain forming with the adjacent group -N-X- a 5 to 7 membered heterocyclic ring fused with a benzene nucleus.

CLASS 32F₂.

THERMOZYMOCIDIAN AND A PROCESS FOR ITS PREPARATION

SOCIETA ITALIANA RESINE S.I.R. S.P.A., OF 33, VIA GRAZIOLI, MILAN, ITALY.

Application No. 540/Cal/73. filed March 12, 1973.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for the manufacture of the antibiotic thermozymocidin which comprises the steps of:

(a) cultivating the micro-organism belonging to the thermophilic eumycetes group and designated as ATCC No. 20349 in an aqueous nutrient medium containing a source of organic carbon and a source of organic or inorganic nitrogen, at a temperature of about 40°C, at a pH of from 6.5 to 7.5 and under submerged aerobic conditions and with agitation until antibiotic activity is imparted to the said medium, and

(b) isolating in a manner such as herein described, said thermozymocidin from the fermentation broth.

CLASS 32F₂.

PROCESS FOR MAKING HALOGENATED LINCOMYCIN DERIVATIVES

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

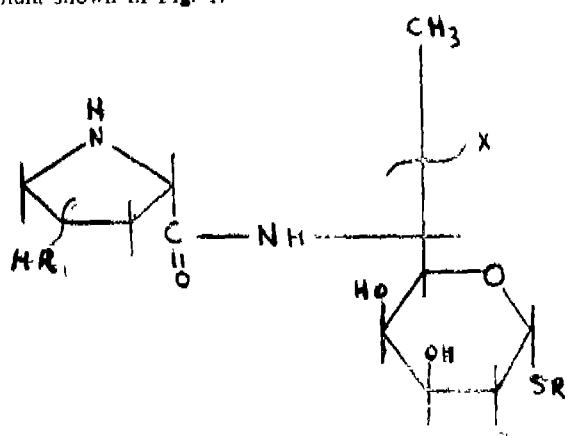
Application No. 947/Cal/74 filed April 26, 1974.

Division of Application No. 103472 filed January 17, 1966.

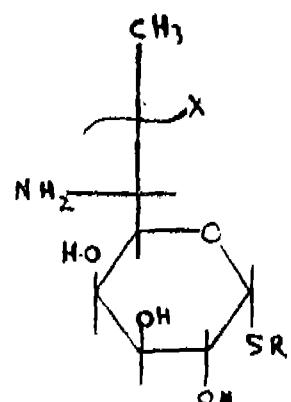
Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

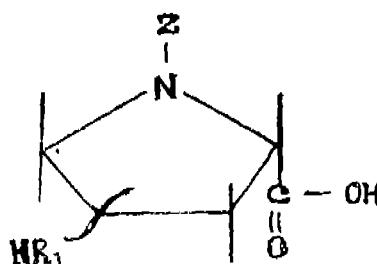
A process for making 7-halo 7 deoxylincomycin D of the formula shown in Fig. 1.



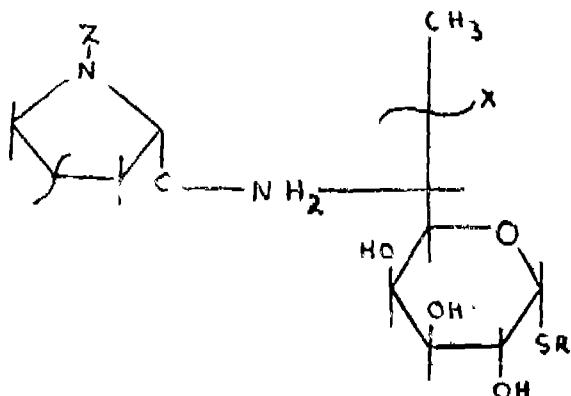
wherein R and R₄ are alkyl of not more than 20 carbon atoms, cycloalkyl of from 3 to not more than 8 carbon atoms, or aralkyl of not more than 12 carbon atoms, and X is chlorine or bromine, which comprises acylating a compound of the formula shown in Fig. 2.



with a compound of the formula E.



to form a compound of the formula shown in Fig. 3.



wherein R, R₄ and X are as defined above, Z is a removable protective group, and then removing the group Z in known manner to form the desired product.

CLASS 32F₁.

136503.

PROCESS FOR MAKING HALOGENATED LINCOMYCIN DERIVATIVES

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

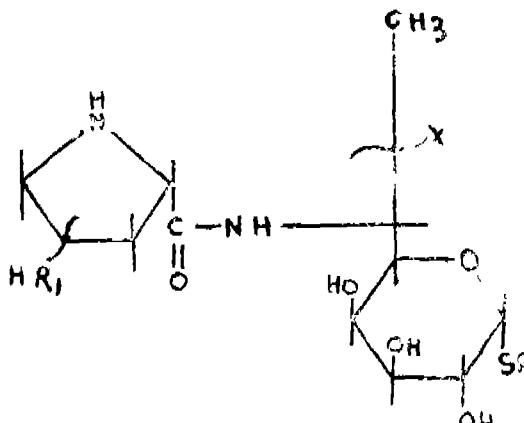
Application No. 948/Cal/74 filed April 26, 1974.

Division of Application No. 103472 filed January 17, 1966.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process of making lincomycin D and analogs and isomers thereof having the general formula shown in Fig. 1.



wherein R and R₄ are alkyl of not more than 20 carbon atoms, cycloalkyl of from 3 to not more than 8 carbon atoms, or aralkyl of not more than 12 carbon atoms, and X is chlorine

5 Claims.

A coupling assembly comprising:
 a stationary housing enclosing a coupling;
 a plurality of air intake passage arranged in said housing;
 a plurality of air exhaust ports disposed about the periphery of said housing; and
 a plurality of peripheral irregularities on said coupling serving as fan elements to draw cooling air into said housing through said intake passages and to induce a flow of cooling air around said coupling for receiving heat energy therefrom with the air being discharged from said housing through said exhaust ports thereby permitting a reduced-temperature operating environment for said coupling assembly.

CLASS 32F₁+F₅b. 136510.

PROCESS FOR PREPARING 2-PHENYL-5-TRIAZINE-3, 5(2H, 4H) DIONES AND DERIVATIVES THEREOF

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA

Application No. 1387/Cal/74 filed June 22, 1974.

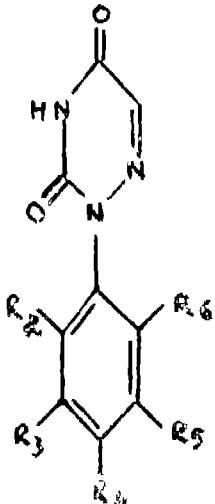
Convention date September 7, 1971 (41743/71) U.K.

Division of Application No. 133131 filed October 6, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing a compound having the formula (I) shown in Fig. 1.



and the alkali metal and alkaline earth metal salts thereof wherein each of R₃ and R₅ is hydrogen, fluoro, chloro, cyano or methyl; with the proviso that at least one of R₃ and R₅ is hydrogen or fluoro; and wherein,

each of R₂, R₄ and R₆ is a first sub-group consisting of hydrogen and R₂' wherein R₂' is cyano, trifluoromethyl, halogen or lower alkyl, a second sub-group consisting of lower alkoxy or lower alkylthio; a third sub-group consisting of nitro and thiocyanato; with the proviso that when at least one of R₂ and R₆ is selected from the second sub-group, R₂ is selected from R₂ and the third sub-groups, and no more than two of R₂, R₄, R₅ or R₆ is hydrogen; or wherein,

each of R₂ and R₆ is a first sub-group consisting of hydrogen, cyano, trifluoromethyl, halogen or lower alkyl; a second sub-group consisting of lower alkoxy and lower alkylthio; a third sub-group consisting of nitro and thiocyanato;

R₄ is -NR₇R₈, lower alkanoyl, alkyl sulfonyl, SO₂NRR₁ or the group of formula shown in Fig. 2.



2-397GI/74

with the proviso that when R₄ is SO₂NNR₁ or alkanoyl, at least one of R₇ and R₈ is other than hydrogen;

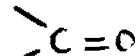
R is methyl, ethyl, phenyl, benzyl, allyl, propargyl or p-chlorophenyl;

R is methyl, ethyl, allyl, or propargyl;

R and R₁ when taken together with the nitrogen to which they are attached is morpholino, thiomorpholino, pyrrolo, pyrrolidino, piperidino, N-(lower alkyl)-piperazine, hexamethyleneimino, 3, 4-dischloropiperidino, thiazolidino, or Δ 3-tetrahydropyridino and piperazine;

each of R₇ and R₈ is lower alkyl of from 1 to 4 carbon atoms; R₇ and R₈ when taken together with the nitrogen atoms to which they are attached is morpholino, thiomorpholino, pyrrolo, pyrrolidino, piperidino, N-(lower alkyl)-piperazine, hexamethyleneimino, thiazolidinone Δ 3-tetrahydropyridino or piperazine;

X is oxygen, sulfur, the group of formula shown in Fig. 3.



=NH, -S, O, -SO₂ or -CHOH-;

each of Y and Y' is hydrogen, nitro, cyano, halogen, lower alkyl or lower alkoxy, characterized by provided that R₄ or R₆ is methyl or chloro and X is sulfinic, -SO₂ or the group of formula shown in Fig. 3, then R₄ is other than the group of formula shown in Fig. 20.



reaction of as -triazine-3, 5 (2H, 4H) dione (6-azauracil) with the appropriate halobenzene when said benzene has a group which activates the halo atom, such as a nitro group.

CLASS 129Q.

136511.

SYSTEM FOR WELDING CONTROL

CUTLER-HAMMER WORLD TRADE, INC., FORMERLY CUTLER-HAMMER INTERNATIONAL FINANCE, INC., OF 4201 NORTH 27TH STREET, MILWAUKEE, WISCONSIN, UNITED STATES OF AMERICA.

Application No. 1464/72 filed September 20, 1972.

Convention date September 22, 1971 (PA6380/71) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A control system for generating a control signal to time automatically a predetermined sequence of functions in an industrial process, comprising a voltage source, an RC circuit connected to receive an electrical charge from the voltage source, a plurality of resistive circuits connected in parallel across the voltage source and each associated with the timing of an individual function in the sequence and providing an output voltage indicative of a parameter of the associated function, a common link between the resistive circuits and the RC circuit, means for connecting in turn to the common link the output of selected ones of said resistive circuits and voltage comparator means in the common link to compare the voltage of the charge in the RC circuit with the output voltage of the connected resistive circuit, said voltage comparator means providing said output control signal when the former voltage is of a predetermined relationship to the latter voltage.

CLASS 33H & 136F

136512.

METHOD AND ASSEMBLY FOR MAKING DIES

CRUCIBLE INC., OF P.O. BOX 88 PARKWAY WEST AND ROUTE 60, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 2002/72 filed November 28, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method for making alloy molds and dies, which method comprises producing a ceramic core having a surface corresponding to the desired configuration of the mold or die, placing an alloy particle charge from which the mold is to be constructed adjacent the surface of the core, heating the charge to a temperature of from 1800 to 2300°F., compacting said particle charge against the surface while at a temperature of from 1800 to 2300°F. to a density of at least 98% of the theoretical density, and removing the ceramic core from the compacted alloy charge.

CLASS 64B, & 68E.

136513.

A POWER TRACK UNIT

PHILLIPS INDIA LIMITED, OF SHIVSAGAR ESTATE, BLOCK "A", DR. ANNIE BESANT ROAD, POST BOX NO. 6598, WORLI, BOMBAY-18 (W B), MAHARASHTRA STATE, INDIA.

Application No. 916/72 filed July 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims

A power track unit whereby at least one electrical load, for example, lighting fitting or an electrical appliance, is connectable to a power supply in a continuous range of different positions, said power track unit comprising a carrier track or rail for carrying conductor wires insulatingly mountable thereon, a current collector slidably mountable on said track and comprising a housing provided with mounting means for slidably engaging said carrier track or rail and contact means insulatingly mounted in said housing for establishing electrical contact with said conductor wires, the end of said contact means remote from said conductor wires being electrically connectable to said electrical load.

CLASS 64B, & 68E.

136514.

A CURRENT COLLECTOR FOR USE IN A POWER TRACK UNIT

PHILLIPS INDIA LIMITED, OF SHIVSAGAR ESTATE, BLOCK "A", DR. ANNIE BESANT ROAD, POST BOX NO. 6598, WORLI, BOMBAY-18 (WB), MAHARASHTRA STATE, INDIA.

Application No. 266/Bom/74 filed July 19, 1974.

Division of application No. 916/72 filed July 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A current collector for use in a power track unit provided with a carrier track or rail having engagement means for slidably engaging said current collector and means for carrying conductor wires insulatingly mounted thereon, said current collector comprising a housing provided with mounting means for slidably engaging the carrier track or rail in said power track unit and contact means insulatingly mounted in said housing for establishing electrical connection between the conductor wires provided on said carrier track or rail and one or more electrical loads electrically connectable to the ends of said contact means remote from said conductor wires.

CLASS 64B, & 68E.

136515.

A CARRIER TRACK OR RAIL FOR USE IN A POWER TRACK UNIT

PHILLIPS INDIA LIMITED, SHIVSAGAR ESTATE, BLOCK "A", DR. ANNIE BESANT ROAD, POST BOX NO. 6598, WORLI, BOMBAY-18 (WB), MAHARASHTRA STATE, INDIA.

Application No. 267/Bom/74 filed July 19, 1974.

Division of application No. 916/72 filed July 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A carrier track or rail for use in a power track unit provided with current collector, said carrier track or rail comprising engagement means for slidably engaging the current collector and means for carrying conductor wires insulatingly mountable thereon.

CLASS 119B+C.

136516.

CONTROL DEVICE FOR THE HEDDLES OF THE HARNESS OF A LOOM

SOCIETE ALSACIENNE DE CONSTRUCTIONS MECANIQUES DE MULHOUSE, OF 1 RUE DE LA FONDERIE, 68 MULHOUSE, FRANCE.

Application No. 91/Cal/73 filed January 11, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A device for controlling the heddles of the harness of a loom having a crankshaft, a wheel fitted to said crankshaft, an electrical brake-motor for driving said crankshaft, a stopping device for stopping said crankshaft at a predetermined angular position at which the shed is wide open, said heddle control device including an auxiliary motor, a sleeve loosely mountable on the crankshaft, manual clutch release means which is adapted to disengage said clutch when said crankshaft is in said predetermined angular position, a transmission system which is adapted to connect said sleeve to the auxiliary motor and one part of which at least is supported by said wheel, and means for manual control of the power supply to the auxiliary motor, whereby said heddle control device is driven, either from the crankshaft during normal operation of the loom or from an auxiliary motor while the crankshaft is held stationary by the brake-motor in its predetermined angular position.

CLASS 107H.

136517.

SUPERCHARGED-INTERNAL COMBUSTION ENGINE

AUTOIPARI KUTATO INTEZET, OF 104, BARTOK BELA-UT, BUDAPEST XI, HUNGARY AND CSEPEL AUTOGYAR, OF SZIGETHALOM, HUNGARY.

Application No. 1511/72 filed September 26, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A supercharged internal combustion engine comprising a plurality of working chambers divided into at least two groups of at least one working chamber and at most four working chambers per group, at least one exhaust-turbo supercharger connected to receive and be driven in use by the exhaust gases from said working chambers, means for controlling the operating sequence of the said chambers so that the suction strokes of the said chambers within a multi-chamber group take place without substantial overlap, inlet means in each said chamber, and a resonance induction pipe system connecting the said inlet means to the delivery side of the said supercharger(s) so as to receive compressed air therefrom and to create conditions of dynamic charging (as herein defined) in said system.

CLASS 190B.

136518.

TURBOCHARGER COMPRESSOR WITH DUAL COLLECTOR CHAMBERS

WALLACE-MURRAY CORPORATION, AT 299 PARK AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 1957/72 filed November 22, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A turbocharger compressor of the single stage centrifugal type having a compressor wheel rotated by a drive shaft and

a cover enclosing said wheel and having an intake passage aligned with the shaft axis, said compressor wheel having radially extending vanes thereon for moving air axially through said intake passage and impelling it radially outwardly transverse to said shaft axis, said vanes each having a frontal portion and an adjoining vane portion, said frontal portion extending radially beyond the adjoining vane portion, a wall within said cover defining two concentric discrete collector chambers surrounding said wheel, said wall extending to provide a circular common boundary between said wall extending to provide a circular common boundary between said two chambers closely adjacent the junction of said radially extending frontal portion and the said adjoining portion of said vanes, whereby said radially extending frontal portion of the vanes moves air into one of said chambers and the said adjoining portions of the vanes moves air into the other of said chambers, said frontal portion of each of said vanes being separate from but in edge-engagement with the corresponding adjoining vane portion, said frontal vane portions extending radially from a hub separate from but mounted on said drive shaft in abutting relation to the compressor wheel portion carrying said adjoining vane portions, the rear face of said hub and the trailing edges of said frontal vane portions being slightly undercut, whereby as said hub is pressed against the adjacent compressor wheel portion on said shaft, said frontal vane portions apply a vibration damping force against each of the adjoining vane portions with said undercut being formed by providing the surface defined by the rear face of said hub and the adjacent trailing edges of said frontal vane portions with a slightly conical contour and a locking nut threaded on said shaft and engaging the hub to press it against said adjacent compressor wheel portion.

CLASS 63D.

136519.

VERTICAL DYNAMOELECTRIC MACHINE WITH IMPROVED STATOR SUPPORT MEANS

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1310/72 filed September 1, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A dynamoelectric machine comprising a rotor and a stator located concentrically about a vertical axis, a rigid wall concentrically enclosing at least part of said stator spaced therefrom, said wall being integral with a rigid foundation underlying at least a portion of said stator with means to permit movement of said stator in relation to said foundation, means to secure said stator to said wall and said foundation comprising a plurality of beams each including a first portion extending vertically in spaced relation to said stator and also in spaced relation to said wall, said first portion of said beam having a lower extremity joined to said foundation, each beam also including a second portion extending radially from said first portion and having an outer extremity joined to said wall, means for joining said stator with said first portion of said beam comprising both radial and tangential members that are flexible compared with said foundation and said wall, said means for joining comprising a plurality of vertically spaced radially extending rod-like elements and a plurality of tangentially disposed plate-like members, said beams being rigid as compared with said means for joining: said wall and said foundation comprising concrete and said beam extremities being embedded therein.

CLASS 80C.

136520.

A FILTER PRESS

ENVIROTECH CORPORATION, AT 537 WEST SIXTH SOUTH, SALT LAKE CITY, UTAH, UNITED STATES OF AMERICA.

Application No. 1466/72 filed September 20, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A filter press comprising: a stationary impervious section, an endless wall enclosing a substantial area of said section;

means for reciprocating said wall from a retracted position to an extended position with respect to said section; support means for rigidly supporting a filter medium in spaced relationship with said section and located so that, in the extended position, said wall contacts said support means to define a closed compartment between said support means and said stationary section; a flexible diaphragm carried by said wall to divide said compartment into a first closed chamber overlying said support means and a second closed chamber between said first chamber and said stationary section; feed means to deliver a liquid solids feed mixture into said first chamber; and means to deliver fluid under pressure into said second chamber to force the diaphragm into said first chamber toward said support means.

CLASS 186E & 194C.

136521.

EXPOSURE DEVICE FOR MANUFACTURING A COLOUR TELEVISION DISPLAY TUBE AND A COLOUR TELEVISION DISPLAY TUBE MANUFACTURED USING SUCH EXPOSURE DEVICE

N. V. PHILIPS' GLOEILAMPENFABRIEKEN, AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

Application No. 1513/72 filed September 26, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An exposure device for manufacturing a colour television display tube of the shadow mask type comprising a light source having an elongate light-emissive part, a correction lens system and a diaphragm having an aperture in the form of a slot, said diaphragm being present between the light source and the correction lens system, characterized in that the slot is curved so that the centre of the slot crosses the longitudinal direction of the light-emissive part of the light source substantially at right angles and both ends of the slot cross the longitudinal direction of the light-emissive part of the light source at an acute angle.

CLASS 48A.

136522.

CABLES

STANDARD TELEPHONES AND CABLES LIMITED, OF 190 STRAND, LONDON, W.C.2, ENGLAND.

Application No. 1912/72 filed November 15, 1972.

Convention date December 16, 1971/(58423/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method of insulating a pair of electrical conductors in cellular plastics insulating material, including the step of passing a separate electrical conductor through each of two substantially parallel bores in an extruder die, individually insulating each conductor by extruding a plastics insulating material, containing a blowing agent, thereon in the extruder die, the parallel bores being arranged at a predetermined axial distance apart, which distance is such that the individually insulated conductors become joined together to form a pair by expansion of the extruded insulation that occurs on the emergence thereof from the die.

CLASS 37B & 173B.

136523.

CENTRIFUGAL ATOMIZER UNIT FOR DRYING APPARATUSES.

KARL FISCHER APPARATE-U. ROHRLEITUNGSBAU, OF 159-165 HOLZHAUSER STRASSE, 1 BERLIN 27, FEDERAL REPUBLIC OF GERMANY.

Application No. 1220/72 filed December 12, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A centrifugal atomizer unit for drying apparatuses, having a multiply supported vertical shaft driven at its upper end and being arranged for the most part within the drying chamber, characterized in that in the housing of the unit there are provided an outer insulation chamber for protecting the unit from excessive heat deriving from the drying chamber and/or means for removing heat absorbed from the drying chamber by the shaft or its bearings, respectively.

CLASS 206E+I.

136524.

DEVICE FOR AUTOMATIC EQUALISATION.

N.V. PHILIPS' GLOEILAMPENFABRIEKEN AT EMMAS-
INGEL, EINDHOVEN, NETHERLANDS.

Application No. 2193/72 filed December 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A device for automatic equalisation of the transmission characteristic formed by the amplitude-versus-frequency and the phase-versus-frequency characteristic of a transmission band associated with a transmission path for the transmission of synchronous information signals, characterized in that said device comprises a number of parallel equalizing networks formed by a shift register to whose input the received signals are applied and a matrix network connected to taps of the shift register and consisting of weighting elements which are proportioned so as to define per matrix line a specific, but for each matrix line a different transmission characteristic, the outputs of said matrix lines being coupled on the one hand to separate blocking stages and, on the other hand, in parallel to a quality analyzer adapted to evaluate the quality of the equalized signals present at the outputs of each of the matrix lines, said analyzer being connected via parallel output circuits to said blocking stages, supplies a control signal for unblocking those blocking stages at which an equalizing signal of satisfactory quality occurs.

CLASS 32F.b.

136525.

PROCESS FOR THE PREPARATION OF PYRIDAZINE DERIVATIVES.

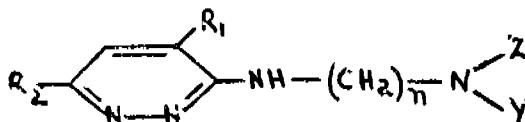
CENTRE D' ETUDES EXPERIMENTALES ET CLINIQUES DE PHYSIOBIOLOGIE DE PHARMACOLOGIE ET D'EUTONOLIGIE (C.E.P.B.E.P.E.), OF 78 RUE DE LA CONVENTION, 75 PARIS 15EME, FRANCE.

Application No. 276/Cal/73 filed February 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

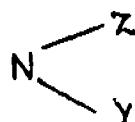
A process for the preparation of new chemical compounds having psychotropic and particularly anti-depressant action, of general formula 1.



in which : R₁=hydrogen or lower alkyl having from 1 to 3 carbon atoms, particularly the methyl radical;

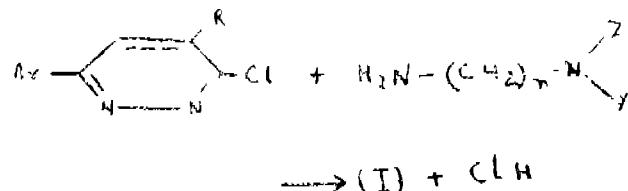
Ar—an aromatic radical such as phenyl, substituted phenyl or naphthyl; n=2 or 3

Y and Z each represent a lower alkyl group having from 1 to 3 carbon atoms, the group shown in formula III.



being able to represent a heterocyclic radical such as morpholino, piperidino, pyrrolidino, said process being characteris-

ed in that it consists in reacting a chloropyridazine on an amine according to the schematic diagram shown in Fig.



in which Ar, R, n, Y and Z have the same signification as before.

CLASS 85G & 151D+E.

136526.

IMPROVEMENTS IN REFORMING FURNACES.

FOSTER WHEELER (INDIA) LIMITED OF P.O. BOX 62, FORSTER WHEELER HOUSE, CHAPEL STREET, LONDON, N.W. 1, ENGLAND.

Application No. 1299/72 filed August 30, 1972.

Convention date September 2, 1971/(41095/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A reforming furnace in which the catalyst tubes through which the process streams are arranged to pass in contact with catalyst within the tubes are closed at their ends by means of removable end closures which are a sealing fit within the tubes.

CLASS 20B & 155A, D+E.

136527.

PROCESS FOR PREPARATION OF SLATES OF SANDWICH ARRANGEMENT.

KAO SOAP CO. LTD., OF 7-18, 1-CHOME, NIHONBASHI-BAKUROCHO, CHUO-KU, TOKYO, JAPAN.

Application No. 321/Cal/73 filed February 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

In a process for preparing slates of a sandwich arrangement, the steps which comprise :

coating a polyurethane prepolymer solution formed by incorporating a water-conductive agent into a polyurethane prepolymer having terminal isocyanate groups, on an unhardened raw slate containing water, piling another raw slate on the coated solution, and then effecting the foaming and hardening of the polyurethane prepolymer to form a sandwiched polyurethane foam layer.

CLASS 65B & 126 c+d.

136528.

CAPACITOR VOLTAGE TRANSFORMER SYSTEM.

THE ENGLISH ELECTRIC COMPANY LIMITED, OF 1 STANHOPE GATE, LONDON, W1A 1EH, ENGLAND, FORMERLY OF BUSH HOUSE, ALDWYCH, LONDON WC2B 4QJ.

Application No. 443/72 filed June 7, 1972.

Convention date June 8, 1971 (19420/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A capacitor voltage transformer system comprising a capacitor voltage transformer consisting of a chain of capacitors connected between a line whose voltage is to be measured and earth with an electromagnetic transformer having its input connected across the bottom transformer of the chain and an impedance network connected to the output of the electromagnetic transformer, the impedance network having

a transfer function which is substantially the inverse of the transfer function between the input and the output of the capacitor voltage transformer under operating conditions.

CLASS 131A₁+A₂+C.

136529.

METHOD OF SUPPORTING THE ROOF AND WALLS OF AN UNDERGROUND TUNNEL.

CALEDONIAN MINING COMPANY LIMITED, OF CARLTON HOUSE, CARLTON-ON-TRENT, NR. NEWARK NOTTINGHAMSHIRE, ENGLAND.

Application No. 1623/72 filed October 10, 1972.

Convention date October, 13, 1971 (47563/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A method of supporting the roof and/or walls of an underground tunnel by spraying thereon a fibre-reinforced cementitious mixture and allowing the concrete thereby formed to harden.

CLASS 24F & 102D.

136530.

IMPROVEMENTS IN AND RELATING TO SERVO-BOOSTERS FOR VEHICLE BRAKE SYSTEMS.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, WARWICKSHIRE, ENGLAND.

Application No. 26/Cal/73 filed January 4, 1973.

Convention date January 7, 1972 (733/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A different pressure operated servo booster having a load-actuating member which is displaceable by the application of differential fluid pressure, under the control of a valve having a body member bearing at least one valve seat, across an annular elastic diaphragm supported by a deflecting plate adapted to conically distort during operation of the booster for transmitting a reaction force to the booster operator by way of an actuating member of the valve, resilient means being arranged to be effective between the deflecting plate and said body member of the valve to initially transfer said reaction force to the valve body rather than to the valve actuating member, such as to initially increase the degree of operation of the valve for a given movement of the actuating member during initial operation of the booster.

CLASS 50D & 85J.

136531.

FURNACE

ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKY KAISHA, OF 2-1, 2-CHOME, OTE-MACHI, CHIYODA-KU, TOKYO-TO, JAPAN.

Application No. 976/Cal/73 filed April 26, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A furnace, having the structure wherein the furnace shall be constructed with coolers laid over the furnace bottom, each of said coolers comprising a main body made of cast iron or copper and a plurality of cooling tubes cast integral with said main body in such a manner that cooling water may flow through said cooling tubes.

CLASS 32F, F₃a+F₃c & 55D₂.

136532.

PROCESS FOR PREPARATION OF BIS-BIGUANIDES.

STERLING DRUG INC., OF 90 PARK AVENUE, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

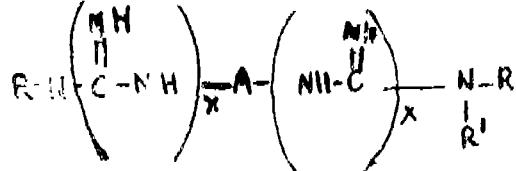
Application No. 1124/Cal/73 filed May 14, 1973.

Division of application No. 98850 filed April 6, 1965.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

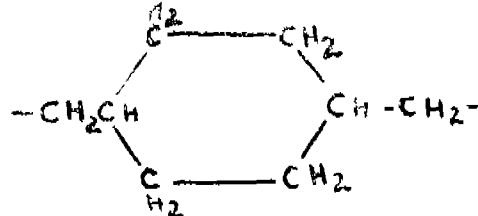
3 Claims

A process for preparing a bis-biguanide of the formula I

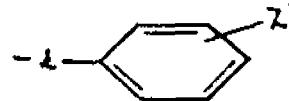


Wherein A is alkylene of from 2 to 12 carbon atoms, having the valence bonds attached to different carbon atoms, -(CH₂)_m Y-(CH₂)_n

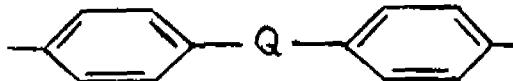
wherein m and n each represent an integer from 2 to 6 and Y is O or S; a group of formula II.



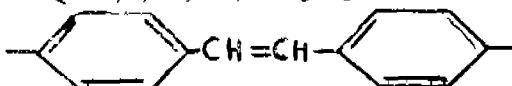
a group of formula III.



wherein Z and Z' are alkylene of from 1 to 3 carbon atoms; a group of formula VI.



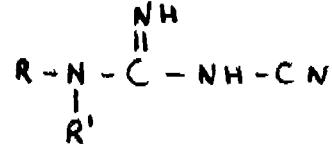
wherein Q is O, S, SO, SO₂; or a group of formula VII.



R is alkyl having from 6-16 carbon atoms or alkyl-Y-alkylene, wherein Y is O or S; R' is H or lower-alkyl; and x is 2, which comprises reacting an alkylene-diamine of the formula IV.



or an acid addition salt thereof with a 3-cyanoguanidine of the formula V.



or an amidino-o-alkylurea equivalent thereof, and, if desired neutralizing an acid-addition salt product obtained to obtain the free base or acidifying a free base obtained to obtain an acid-addition salt.

CLASS 32F₃a.

136533.

PROCESS FOR PREPARING 2-SUBSTITUTED-5-SULFAMYLBENZOIC ACIDS.

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 2064/Cal/73 filed September 10, 1973.

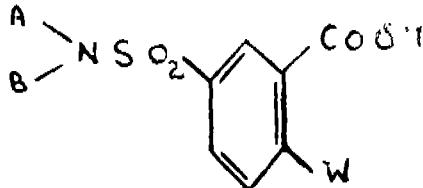
Convention date April 19, 1971 (26540/71) U.K.

Division of application No. 132811 filed September 7, 1971.

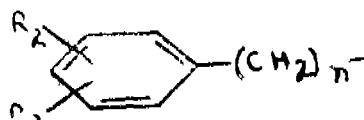
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2. Claims

A process of preparing compounds of the formula I.



The amides, C_2 - C_6 alkyl esters, and pharmaceutically acceptable salts thereof wherein A is hydrogen, C_1 - C_4 alkyl, cycloalkyl of from 5 to 8 carbon atoms, benzyl or phenyl; B is formula IV.

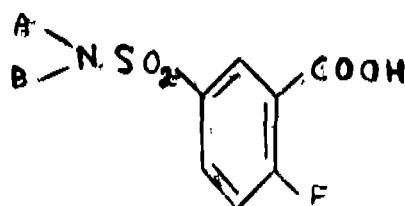


wherein n has a value from zero to 3;

R^2 and R^3 are each hydrogen, chloro, bromo, alkyl or alkoxy of from one to four carbon atoms, carboxy, trifluoromethyl, phenyl, benzyl or benzyloxy; and

W is lower alkoxy of from 1 to 6 carbon atoms; and when A is hydrogen or lower alkyl B is also lower alkyl or cycloalkyl of from 5 to 8 carbon atoms;

and A and B when taken together with the nitrogen atom to which they are attached form a heterocyclic ring selected from morpholino, thiomorpholino, piperazinyl, hexamethyleneimino, heptamethyleneimino octamethyleneimino, 3-azabicyclo [3, 2, 2] nonanyl, tetrahydropyridyl or mono-and disubstituted derivatives of said heterocyclic rings; said substituents being alkyl, alkoxy or alkyloxyalkyl of one to four carbon atoms in each alkyl group, hydroxy, chloro, bromo, trifluoromethyl, phenyl, tolyl, benzyl, benzyloxy, chloromethyl or hydroxymethyl; or the heterocyclic ring is unsubstituted, mono- or disubstituted piperidino, said substituents being alkyl, alkoxy or alkyloxyalkyl of one to four carbon atoms in each alkyl group, hydroxy, chloro, bromo, trifluoromethyl, oxo phenyl, tolyl, benzyl, benzyloxy, benzyloxymethyl, chloromethyl or hydroxymethyl, characterized by reacting a compound of the formula XIII.



with a straight or branched chain lower alkanol of up to 6 carbon atoms in the presence of a base to form a compound of the formula I wherein W is -O- lower alkyl and when required, forming the pharmaceutically acceptable salts thereof by methods known *per se*.

CLASS 32F: a,

136534.

PROCESS FOR PREPARING 2-SUBSTITUTED-5-SULFAMYL-BENZOIC ACIDS.

Pfizer Inc., of 235 42nd Street, New York, State of New York, United States of America.

Application No. 2065/Cal/73 filed September 10, 1973.

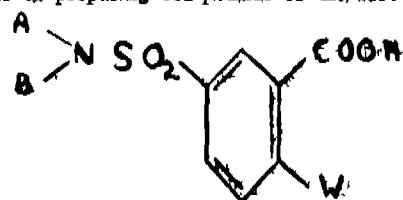
Convention date April 19, 1971/(265440/71) U.K.

Division of Application No. 132811 filed September 7, 1971.

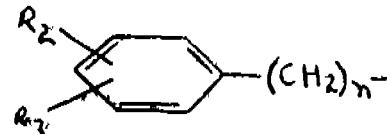
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process of preparing compounds of the formula I



the amides, C_2 - C_6 alkyl esters and pharmaceutically acceptable salts thereof wherein A is hydrogen, C_1 - C_4 alkyl, cycloalkyl of from 5 to 8 carbon atoms, benzyl or phenyl; B is formula IV.



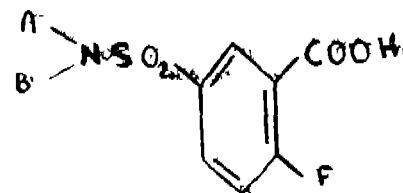
wherein n has a value from zero to 3;

R^2 and R^3 are each hydrogen, chloro, bromo, alkyl or alkoxy of from one to four carbon atoms, carboxy, trifluoromethyl, phenyl, benzyl or benzyloxy; and

W is hydroxy;

and when A is hydrogen or C_1 - C_4 alkyl B is also C_1 - C_4 alkyl or cycloalkyl of from 5 to 8 carbon atoms;

and A and B when taken together with the nitrogen atom to which they are attached form a heterocyclic ring selected from morpholino, thiomorpholino, piperazinyl, hexamethyleneimino, heptamethyleneimino octamethyleneimino, 3-azabicyclo [3, 2, 2] nonanyl, tetrahydropyridyl or mono-and disubstituted derivatives of said heterocyclic rings; said substituents being alkyl, alkoxy or alkyloxyalkyl of one to four carbon atoms in each alkyl group, hydroxy, chloro, bromo, trifluoromethyl, phenyl, tolyl, benzyl, benzyloxy, chloromethyl or hydroxymethyl; or the heterocyclic ring is unsubstituted, mono- or disubstituted piperidino, said substituents being alkyl, alkoxy or alkyloxyalkyl of one to four carbon atoms in each alkyl group, hydroxy, chloro, bromo, trifluoromethyl, oxo phenyl, tolyl, benzyl, benzyloxy, benzyloxymethyl, chloromethyl or hydroxymethyl, characterized by reacting a compound of the formula



with an alkali metal hydroxide to form a compound of formula I wherein W is -OH, and when required forming the pharmaceutically acceptable salts thereof by methods known *per se*.

CLASS 32F & 114A.

136535.

PROCESS FOR THE PREPARATION OF POLYMERS.

ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL, WEST, PHILADELPHIA PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Application No. 828/72 filed July 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings

A process for the preparation of a polymer, which comprises subjecting to polymerisation conditions a monomer mixture containing;

(a) 0.5—5 weight percent of acrolein;

(b) 1—2.5 weight percent of one or more α , β -ethylenically unsaturated carboxylic acid; and one or both of;

(c) upto 98.5 weight percent of one or more (C_1-C_{21})-alkyl esters of methacrylic acid; and

(d) up to 98.5 weight percent of one more (C_1-C_{21})-alkyl esters of acrylic acid;

the total of components (a) and (b) and either or both of compounds (c) and (d) being 100 weight percent of the monomer mixture.

CLASS 32F₁+F_{2b}.

136536.

A PROCESS OF PREPARING 2, 4-DISUBSTITUTED-CARBONYL-3-VARIABLE-5-METHYL PYRROLE DERIVATIVES.

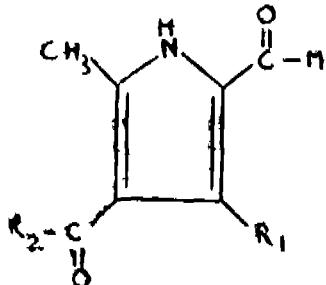
THE UPJOHN COMPANY, OF 301 HENRIETTA, STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 857/72 filed July 13, 1972.

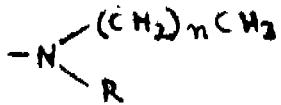
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

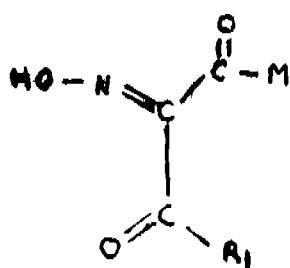
A process of preparing 2, 4-disubstituted-carbonyl-3-variable-5-methyl pyrrole derivatives of the general formula (I).



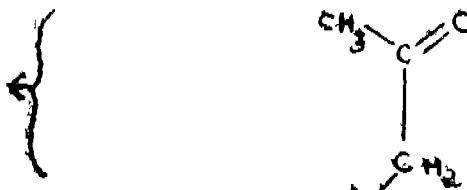
wherein M is defined as -OR or a group of the formula II.



in which R is alkyl or haloalkyl of from 1 to 10 carbon atoms, inclusive; alkenyl or haloalkenyl of from 3 to 8 carbon atoms, inclusive; alkynyl of from 3 to 10 carbon atoms, cycloalkyl of from 3 to 6 ring carbon atoms, inclusive; cycloalkenyl of from 4 to 6 ring carbon atoms, inclusive; alkyl or halogen substituted cycloalkyl of from 4 to 12 carbon atoms, inclusive; alkyl or halogen substituted cycloalkenyl of from 5 to 12 carbon atoms, inclusive; cycloalkyl or cycloalkenyl substituted lower alkyl of from 4 to 12 carbon atoms, inclusive; and alkoxy substituted lower-alkyl having a total of from 3 to 9 carbon atoms inclusive; R₁ is hydrogen, lower-alkyl or lower-haloalkyl of from 1 to 4 carbon atoms, inclusive; n is 0 or 1; and R₂ is methyl, ethyl, trifluoromethyl, methoxy or methyl-amino; which process comprises reacting a compound of the general formula III.



wherein M and R₁ are as defined above with a compound of the formula IV.



wherein R₂ is as defined above.

CLASS 188.

136537.

METHOD AND APPARATUS FOR SELECTIVE HEATING AND COOLING OF STRIP.

ARMCO STEEL CORPORATION, OF 703 CURTIS STREET, MIDDLETOWN, OHIO, UNITED STATES OF AMERICA.

Application No. 972/72 filed July 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A process for producing a metallic coated ferrous strip wherein a ferrous base metal strip is first thoroughly cleaned, then passed into a bath of molten coating metal and withdrawn therefrom carrying a layer of molten coating metal, characterized by the step of controlling the cooling of said molten coating metal by applying a heating or a cooling fluid to selected longitudinal zones of said strip.

CLASS 62B & 73.

136538.

PROCESS FOR THE COMBINED PRE-CLEANING, BULKING DEVELOPMENT, BULKING STABILIZATION AND DYEING OF TEXTILE WEBS OF SYNTHETIC FIBRES.

ARTOS DR. ING. MEIER-WINDHÖRST KÖMMANDIT-GESELLSCHAFT, OF 2-HAMBURG 1, HEIDENKAMP-SWEG 66, FEDERAL REPUBLIC OF GERMANY.

Application No. 980/72 filed July 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings

A process for pre-cleaning, structure development, especially for bulking, for optimal formation of feel, and for stabilizing structure and feel of woven and knitted fabrics and similar textile webs of preferably texturised synthetic fibres, comprising the steps of wet treatment for pre-cleaning and/or partial structure development; low-tension drying treatments, and dry-heat treatments for structure or fibres stabilisation in which the wet treatment for pre-cleaning and/or partial structure development, low tension drying treatments and dry heat treatments are combined with a continuous dye treatment which makes its own additional contribution to the structure development or to the favourable formation of feel, and are all combined into one overall process.

CLASS 173B.

136539.

LIQUID SPRAYING APPARATUS

BINKS-BULLOWS LIMITED, OF PELSALL ROAD, BROWNHILLS, STAFFORDSHIRE WS8 7HW, ENGLAND.

Application No. 1066/72 filed August 3, 1972.

Convention date August 6, 1971 (37030/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Liquid spraying apparatus comprising a conduit having at one end a piston reciprocable by power-operated means and at the other end a diaphragm pump whereby in use pressure applied to a column of liquid in said conduit by said piston will be transmitted to said diaphragm pump for actuation thereof, said diaphragm pump having a spring-loaded liquid inlet valve having a seat, said inlet valve being positioned when in its rest condition so that a clearance is formed between it and said seat and a liquid outlet valve which is connected via a non-return valve to one end of a further conduit adapted at its other end to be connected to a spray gun, the arrangement being such that when the diaphragm pump is immersed in a container containing a liquid to be sprayed, actuation of said pump will result in delivery of such liquid to the spray gun via said further conduit.

CLASS 107H.

136540.

IMPROVEMENTS IN AND RELATING TO FUEL INJECTION PUMPS FOR INTERNAL COMBUSTION ENGINES.

ROBERT BOSCH GMBH, OF POSTFACH 50, 7 STUTTGART 1, WEST GERMANY.

Application No. 1510/72 filed September 26, 1972.

Appropriate office for opposition proceedings (Rules 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A fuel injection pump for an internal combustion engine having at least one pump element unit housed in a receiving bore of a pump casing manufactured from light metal, the pump element unit comprising a pump piston having at least one oblique control edge and being rotatable to alter the fuel supply quantity, and a cylinder barrel, in whose cylinder bore the pump piston is reciprocable and co-operates with at least one control bore in the wall of the cylinder bore, the control bore being connected to a suction chamber of the pump, the cylinder barrel having mounting flange clamped by screws against the upper face of the pump casing and being mounted on the cylinder barrel in an axial direction on the outside of a clamped valve body of a pressure valve, the pressure valve being housed in a prolongation of the cylinder bore in an extension of the cylinder barrel, the valve body being clamped by means of a screw nipple against a shoulder at the connection between the extension and the cylinder bore, the mounting flange being mounted in the region of a screw thread of the extension which accommodates the screw nipple.

OPPOSITION PROCEEDINGS

Opposition to the grant of a patent on application No. 133384 dated the 27th October, 1971 made by ITT INDUSTRIES, INC notified in the Gazette of India, Part III, Section 2 dated the 5th January, 1974 has been dismissed as the written statement of opposition was not filed.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

124239 124242 124270 124322 124337 124393 124458 124585
125428 125520 125542 125543 125548 125564 125578 125622
125623 125723 125762 125835 125905 126094 126146 126349
126657 126746 126788 126803 126931 127008 127037 127103
127137 127615 127844 128244 128369 128465 128546 128580
128920 128955 129131 129328 129359 129746 132113

(2)

126588 126764 126777 126814 126815 126866 126996 127994
128125 128231 128279 128822 129066 129858 129959 130038
130164 130165 130572 130826 130873 131019 131140 131245
132090 134120 134590

PATENTS SEALED

82500 92299 93969 96839 97704 101071 111070 120193
127526 129297 129385 129528 130245 130557 130840 131900
132800 132801 132802 133052 133320 133348 133355 133580
133581 133593 133719 133917 134007 134052 134181 134273
134343 134542 134560 134664 134858 134896 134960 135000
135046 135590 135591 135592 135593 135594 135605 135631
135632 135633 135635 135643 135644 135645 135661

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Parke, Davis & Company, a corporation organised under the laws of the State of Michigan and having its principal place of business located at Joseph Campau Avenue at the River, Detroit, Michigan, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 77284 for "Anthranilic Acid Derivatives and Methods for Producing Same". The amendments are by way of deletion of claims 9 to 11 on file with consequential amendment in the title and claim 12. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagdish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a corporation organized under the laws of the Federal Republic of Germany, made an application under Section 17 of the Indian Patents & Designs Act, 1911 for amendment of specification of their application for Patent No. 115313 for "Thermoplastic materials containing polyacetals and copolymers of α -olefins". The said application will be proceeded with under Section 57 of the Patents Act, 1970. The amendments are by way of explanation and correction of the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that the Lubrizol Corporation, Cleveland, Ohio 44117, U.S.A. a Corporation organized under the Laws of the United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 125641 for "Carboxy treated basic metal complexes for Lubricating composition". The amendments are by way of correction of claim 10 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagdish Bose Road, Calcutta-700017 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(4)

Notice is hereby given that Sandoz Ltd., of Lichtstrasse 35, Baile, Switzerland, a Swiss Body Corporate, have made an

application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 131151 for "Process for the production of azo compounds of low solubility in water". The amendments are by way of explanation and correction of the description and claims in the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours of copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(5)

Notice is hereby given that Sandoz Ltd., of Lichtstrasse 35, Basle, Switzerland, a Swiss Body Corporate, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 131152 for "Process for the production of azo compounds of low solubility in water". The amendments are by way of explanation and correction of the description and claims in the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(6)

The amendments proposed by ORSYMONDE, in respect of patent application No. 78342 as advertised in Part III, Section 2 of the Gazette of India dated the 31st August 1974 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

126514—Medical Service GmbH.

PATENTS DEEMED TO BE ENDORSED WITH

THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
122777 (16-8-69)	Plant growth regulating compositions containing 3-substituted-pyrido-[3, 2-d]-pyrimidine-2, 4-(1H, 3H)-diones and 1, 3-disubstituted analogues thereof.
123781 (29-10-69)	Process for the conversion and desulfurization of oils.
123782 (29-10-69)	Process for the conversion and desulfurization of oils.
123984 (15-11-68)	Improvements in or relating to a process for curing a synthetic organic resin coating composition.
126432 (29-4-70)	Process for the continuous transesterification of dicarboxylic acid alkyl esters with diols.
127572 (15-5-70)	Trichloromethane triosulphenyl Chloride and process for the preparation thereof.

RENEWAL FEES PAID

69939	69986	70009	70107	70325	70798	70972	71127	73321
73764	74432	74534	74535	74536	74537	74614	74642	74665
74674	74892	74920	79251	79441	79444	79460	79611	79776
79784	79809	80000	80013	80147	80213	80262	80365	80403
80416	80598	80599	80629	80664	80746	80912	81060	81154
81171	81241	81397	81995	85210	85425	85454	85500	85501
85689	85928	86081	86300	86369	86390	87166	90477	90478
91098	91124	91170	91187	91623	91796	91798	91804	91848
91918	91927	91951	92384	92385	92529	93498	93604	93627
94267	95997	96662	96690	96803	96843	96867	96956	96961
97096	97124	97195	97196	97201	97212	97215	97217	97464
97472	97550	97583	97732	97766	97767	97768	99061	100001
100700	102483	102670	102671	102854	102868	102878		
102973	102977	102988	103044	103045	103167	103206	103251	
103272	103450	103705	103720	103833	104159	104468	105472	
105560	105811	106052	107602	108062	108248	108308	108343	
108404	108405	108444	108480	108567	108639	108672	108822	
108857	108870	109544	109731	111194	112551	112997	113351	
113378	113409	113453	113460	113461	113462	113527	113530	
113565	113621	113647	113716	113751	113753	113835	113845	
113881	113948	113981	114247	114392	114633	115002	115109	
115110	115116	116153	117041	117145	118313	118352	118453	
118757	118796	118831	118832	118833	118846	118866	118885	
118927	118930	119006	119037	119038	119063	119119	119120	
119129	119235	119272	119346	119419	119435	119476	119513	
119514	119551	119651	119754	120102	120103	120104	120105	
120228	120299	120413	120854	121709	121710	122372	123623	
124198	124243	124268	124321	124335	124342	124343	124368	
124373	124378	124382	124383	124407	124408	124411	124412	
124415	124458	124512	124513	124563	124577	124578	124580	
124651	124769	124922	124923	124927	124928	124961	125052	
125145	125309	125350	125742	125785	126175	126176	126568	
126668	127104	127439	128118	128123	128488	128640	128919	
128935	129226	129449	129476	129478	129500	129517	129519	
129524	129525	129606	129628	129640	129650	129662	129663	
129664	129732	129769	129773	129856	129868	129870	129920	
129921	129931	129998	130022	130024	130110	130484	130631	
131294	131702	131834	132148	132803	132822	132827	133077	
133102	133238	133302	133347	133560	133579	133612	133617	
133643	133684	133708	133734	133803	133916	133920	133925	
133935	133941	133973	134002	134003	134009	134070	134083	
134132	134147	134161	134176	134195	134220	134350	134380	
134387	134393	134524	134689	134700	134720	134788	134799	
134979	135037	135318	135355	135357	135363	135403	135514	
135515	135588	135618						

CESSATION OF PATENTS

128167	128207	128208	128242	128259	128263	128264	128688
128689	128729	128774	128780	128783	128825	128847	128861
128872	128925	128941	128982	128984	129028	129030	129033
129050	129057	129067	129105	129143	129166	129182	129183
129210	129224	129236	129247	129248	129270	129277	129280
129408	129417	135133	135428				

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under section 60 of the Patents Act, 1970 for the restoration of

Patent No. 118694 granted to Ralston Purina Company for an invention relating to "A method of treatment hull enclosed cotyledon, seeds, method of preparing food products out of treated seeds and products prepared thereby". The patent ceased on the 21st November, 1973 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 2nd November, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 4th March, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under section 60 of the Patents Act, 1970 for the restoration of Patent No. 134806 granted to Franz Plasser Bahnbaumaschinen industrielesellschaft m.b.H. for an invention relating to "Improvements relating to mobile railway track levelling and tamping machine". The patent ceased on the 5th November, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 21st December, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 4th March, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 122647 dated the 30th October, 1968 made by Nippon Steel Corporation on the 1st August, 1974 and notified in the Gazette of India Part III, Section 2, dated the 31st August, 1974 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141888. Siyaram-Kumar Engineering Works (P) Ltd., 20-B Najafgarh Road, New Delhi-15. (An Indian Company). A self sealing coupling. May 18, 1974.

Class 1. No. 141904. Cinecita Private Limited. 1076, Haines Road, Worli, Bombay-18, Maharashtra State, India. (A private limited company incorporated under the Indian Companies Act). Amplifier (Transmission System). May 30, 1974.

Class 1. No. 141905. Cinecita Private Limited. 1076, Haines Road, Worli, Bombay-18, Maharashtra State, India. (A private limited Company incorporated under the Indian Companies Act). Projector. May 30, 1974.

Class 1. No. 141950. Surendra Naraharibhai Patel. 15 Parshram Society, Subhanpura, City of Baroda, State of Gujarat, India. An Indian National. Stand for gramophone and other sound records. June 21, 1974.

Class 1. No. 142000. Dodla Prabhakara Reddy and Dodla Sudhakar Reddy. Bharat Buildings, 2/18, Mount Road, Madras-600 002, Tamil Nadu, India. Indian National. Electric irons. July 2, 1974.

Class 1. No. 142012. Billy Boot Polish Co., Moholla Nai Basti, Bara Hindu Rao, Delhi. An Indian Partnership Concern. A container. July 6, 1974.

Class 1. Nos. 142025 & 142026. K. K. Industry, A 770 Nabi Karim, Delhi. An Indian Proprietorship concern. A box. July 10, 1974.

Class 1. No. 142034. Bombay Ring Travellers Company Limited. Neville House, Graham Road, Ballard Estate, Bombay-400 038 in the state of Maharashtra a public Ltd. Co. registered in India. Travellers for spinning. July 16, 1974.

Class 1. No. 142039. Bhogilal Hiralal Bachkaniwala, Hiralal Colony, Ashwanikumar Road, Surat-395003, Gujarat, India. An Indian Citizen. Oil Cup. July 18, 1974.

Class 1. No. 142041. Bhogilal Hiralal Bachkaniwala, Hiralal Colony. Ashwanikumar Road, Surat-395003, Gujarat, India. An Indian Citizen. Brake for up twisting spindle assembly. July 18, 1974.

Class 1. No. 142068. Ram Gopal Bansal. 47-A, Industrial Area, Govindpura Bhopal-23, Madhya Pradesh, India. An Indian Citizen. Locking device. July 20, 1974.

Class 1. No. 142069. Ram Gopal Bansal, 47-A, Industrial Area, Govindpura, Bhopal-23, Madhya Pradesh, India, An Indian Citizen. Locking-Key. July 20th 1974.

Class 1. No. 142085. Ram Gopal Bansal, 47-A, Industrial Area Govindpura, Bhopal-23, Madhya Pradesh, India, An Indian citizen. Locking Key. July 25, 1974.

Class 3. No. 141927. Krishan Lal. 3149, Barhwala Chowk, Pahari Dhiraj, Delhi-6. Indian National. Shoe Sole. June 6, 1974.

Class 3. No. 142001. Dodla Prabhakara Reddy and Dodla Sudhakar Reddy. Bharat Buildings, 2/18, Mount Road, Madras-600 002, Tamil Nadu, India. Indian National. Electric irons. July 21st, 1974.

Class 3. No. 142011. Dr. Dasarathi Banerjee. 7A, Elgin Road, Calcutta-20, West Bengal, India. Indian National. Rail Pad. July 3, 1974.

Class 3. No. 142028. Bombay Burma Plastics. Green House, 2nd Floor, Green Street, Bombay-400001, Maharashtra, India. An Indian Partnership Firm. Calendar. July 11, 1974.

Class 8. Nos. 141892 & 141893. K. J. James Kuply, N.S.H. Mount P.O., Kottayam-6, Kerala State, India. Indian. Straw Braided Floor Coverings. May 21st, 1974.

S. VEDARAMAN,
Controller General of Patents, Designs
And Trade Marks